

TECHNICAL SHEET

JCSG Top96

(96 formulations; 1.7 mL each in a 96-well block plate)

M-R-1009846

Well	Buffer	Precipitation Reagent 1	Precipitation Reagent 2	Salt
A1	100 mM Sodium acetate/Hydrochloric acid pH 4.5	40% (v/v) 1,2-Propanediol		
A2		25% (v/v) Ethylene glycol		
A3	100 mM Citric acid/Sodium hydroxide pH 2.5	10% (v/v) MPD		
A4	100 mM Sodium acetate/Hydrochloric acid pH 5.0	10% (v/v) MPD		
A5	100 mM HEPES free acid/Sodium hydroxide pH 6.5	40% (v/v) MPD		
A6	100 mM BICINE/Sodium hydroxide pH 8.5	65% (v/v) MPD		
A7	100 mM Sodium phosphate dibasic/Citric acid pH 4.2	20% (v/v) PEG 300	10% (v/v) Glycerol	200 mM Ammonium sulfate
A8	85 mM HEPES free acid/Sodium hydroxide pH 7.5	1.7% (v/v) PEG 400	15% (v/v) Glycerol	1700 mM Ammonium sulfate
A9	80 mM Sodium acetate/Hydrochloric acid pH 4.6	20% (w/v) PEG 4000	20% (v/v) Glycerol	160 mM Ammonium sulfate
A10	85 mM Sodium citrate tribasic/Hydrochloric acid pH 5.6	25.5% (w/v) PEG 4000	20% (v/v) Glycerol	170 mM Ammonium acetate
A11	85 mM Tris base/Hydrochloric acid pH 8.5	25.5% (w/v) PEG 4000	15% (v/v) Glycerol	170 mM Sodium acetate
A12	80 mM Sodium cacodylate/Hydrochloric acid pH 6.5	16% (w/v) PEG 8000	20% (v/v) Glycerol	160 mM Magnesium acetate
B1	100 mM HEPES free acid/Sodium hydroxide pH 7.5			
B2	100 mM MES/Sodium hydroxide pH 6.0	30% (v/v) PEG 600	10% (v/v) Glycerol	5% (w/v) PEG 1000
B3	70 mM Sodium acetate/Hydrochloric acid pH 4.6	5.6% (w/v) PEG 4000	30% (v/v) Glycerol	
B4	85 mM HEPES free acid/Sodium hydroxide pH 7.5	17% (w/v) PEG 4000	15% (v/v) Glycerol	8.5% (v/v) Isopropanol
B5	95 mM Sodium citrate tribasic/Hydrochloric acid pH 5.6	19% (w/v) PEG 4000	5% (v/v) Glycerol	19% (v/v) Isopropanol
B6	100 mM HEPES free acid/Sodium hydroxide pH 7.5	20% (w/v) PEG 4000		20% (v/v) Isopropanol
B7	100 mM Sodium citrate tribasic/Hydrochloric acid pH 5.6	20% (w/v) PEG 4000		20% (v/v) Isopropanol
B8	100 mM Sodium cacodylate/Hydrochloric acid pH 6.5	40% (v/v) MPD		5% (w/v) PEG 8000
B9	80 mM Sodium acetate/Hydrochloric acid pH 4.6		20% (v/v) Glycerol	1600 mM Ammonium sulfate
B10	100 mM Sodium acetate/Hydrochloric acid pH 4.6	30% (v/v) MPD		200 mM Sodium chloride
B11	100 mM Sodium citrate tribasic/Hydrochloric acid pH 5.6			200 mM Ammonium acetate
B12	100 mM MES/Sodium hydroxide pH 6.0	35% (v/v) MPD		200 mM Lithium sulfate
C1	100 mM Tris base/Hydrochloric acid pH 7.0	50% (v/v) PEG 200		
C2	100 mM MES/Sodium hydroxide pH 6.0	40% (v/v) PEG 400		5% (w/v) PEG 3000
C3	100 mM CHES/Sodium hydroxide pH 9.5	40% (v/v) PEG 600		
C4	100 mM Sodium citrate tribasic/Hydrochloric acid pH 5.5	20% (w/v) PEG 3000		
C5	100 mM Citric acid/Sodium hydroxide pH 4.0	5% (w/v) PEG 6000		
C6	100 mM Citric acid/Sodium hydroxide pH 4.0	20% (w/v) PEG 6000		
C7	100 mM BICINE/Sodium hydroxide pH 8.5	20% (w/v) PEG 6000		
C8	100 mM MES/Sodium hydroxide pH 5.0	30% (w/v) PEG 6000		
C9	100 mM BICINE/Sodium hydroxide pH 8.5	30% (w/v) PEG 6000		
C10	100 mM HEPES/Sodium hydroxide pH 7.5	20% (w/v) PEG 8000		
C11	100 mM CHES/Sodium hydroxide pH 9.5	20% (w/v) PEG 8000		
C12	100 mM Citric acid/Sodium hydroxide pH 3.5			800 mM Ammonium sulfate
D1	100 mM Citric acid/Sodium hydroxide pH 4.0			1600 mM Ammonium sulfate
D2	100 mM MES/Sodium hydroxide pH 5.0			1600 mM Ammonium sulfate
D3	100 mM BICINE/Sodium hydroxide pH 9.0			1600 mM Ammonium sulfate
D4	100 mM Sodium cacodylate/Hydrochloric acid pH 6.5	2000 mM Ammonium sulfate		200 mM Sodium chloride
D5	100 mM Tris base/Hydrochloric acid pH 8.5	2000 mM Ammonium sulfate		
D6	100 mM CAPS/Sodium hydroxide pH 10.5	2000 mM Ammonium sulfate		200 mM Lithium sulfate
D7	100 mM Tris base/Hydrochloric acid pH 8.5	2400 mM Ammonium sulfate		
D8	100 mM BICINE/Sodium hydroxide pH 9.0	2400 mM Ammonium sulfate		
D9	100 mM Sodium acetate/Hydrochloric acid pH 4.5	2500 mM Sodium chloride		200 mM Lithium sulfate
D10	100 mM Sodium cacodylate/Hydrochloric acid pH 6.5	1000 mM Sodium citrate tribasic		
D11	100 mM Tris base/Hydrochloric acid pH 7.0	1000 mM Sodium citrate tribasic		200 mM Sodium chloride
D12	100 mM CHES/Sodium hydroxide pH 9.5	1000 mM Sodium citrate tribasic		

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Well	Buffer	Reagent 1	Reagent 2	Reagent 3
E1	100 mM HEPES/Sodium hydroxide pH 7.5	1400 mM Sodium citrate tribasic		
E2	100 mM CAPS/Sodium hydroxide pH 10.5	1200 mM Sodium phosphate monobasic	800 mM Potassium phosphate dibasic	200 mM Lithium sulfate
E3	100 mM Sodium phosphate dibasic/Citric acid pH 4.2	50% (v/v) PEG 200		200 mM Sodium chloride
E4	100 mM Sodium cacodylate/Hydrochloric acid pH 6.5	40% (v/v) PEG 300		200 mM Calcium acetate
E5	100 mM HEPES sodium salt/Hydrochloric acid pH 7.5	28% (v/v) PEG 400		200 mM Calcium chloride
E6	100 mM Sodium acetate/Hydrochloric acid pH 4.5	30% (v/v) PEG 400		200 mM Calcium acetate
E7	100 mM Tris base/Hydrochloric acid pH 8.5	40% (v/v) PEG 400		200 mM Lithium sulfate
E8	100 mM MES/Sodium hydroxide pH 5.5	40% (v/v) PEG 400		200 mM Magnesium chloride
E9	100 mM Sodium cacodylate/Hydrochloric acid pH 6.5	10% (w/v) PEG 3000		200 mM Magnesium chloride
E10	100 mM HEPES free acid/Sodium hydroxide pH 7.5	20% (w/v) PEG 3000		200 mM Sodium chloride
E11	100 mM Tris base/Hydrochloric acid pH 7.0	30% (w/v) PEG 3000		200 mM Sodium chloride
E12		20% (w/v) PEG 3350		200 mM Ammonium fluoride
F1		20% (w/v) PEG 3350		200 mM Ammonium formate
F2		20% (w/v) PEG 3350		200 mM Ammonium sulfate
F3		20% (w/v) PEG 3350		200 mM Calcium acetate
F4		20% (w/v) PEG 3350		200 mM Calcium chloride
F5		20% (w/v) PEG 3350		200 mM Ammonium phosphate dibasic
F6		20% (w/v) PEG 3350		200 mM Ammonium tartrate dibasic
F7		20% (w/v) PEG 3350		200 mM Sodium phosphate dibasic
F8		20% (w/v) PEG 3350		200 mM Magnesium acetate
F9		20% (w/v) PEG 3350		200 mM Magnesium chloride
F10		20% (w/v) PEG 3350		200 mM Magnesium formate
F11		20% (w/v) PEG 3350		200 mM Magnesium nitrate
F12		20% (w/v) PEG 3350		200 mM Potassium formate
G1		20% (w/v) PEG 3350		200 mM Potassium nitrate
G2		20% (w/v) PEG 3350		200 mM Sodium acetate
G3		20% (w/v) PEG 3350		200 mM Sodium fluoride
G4		20% (w/v) PEG 3350		200 mM Sodium formate
G5		20% (w/v) PEG 3350		200 mM Sodium nitrate
G6		20% (w/v) PEG 3350		200 mM Sodium thiocyanate
G7		20% (w/v) PEG 3350		200 mM Ammonium citrate dibasic
G8		20% (w/v) PEG 3350		200 mM Potassium citrate tribasic
G9	100 mM Sodium acetate/Hydrochloric acid pH 4.6	25% (w/v) PEG 4000		200 mM Ammonium sulfate
G10	100 mM Sodium citrate tribasic/Hydrochloric acid pH 5.6	30% (w/v) PEG 4000		200 mM Ammonium acetate
G11	100 mM Tris base/Hydrochloric acid pH 8.5	30% (w/v) PEG 4000		200 mM Lithium sulfate
G12	100 mM Tris base/Hydrochloric acid pH 8.5	30% (w/v) PEG 4000		200 mM Magnesium chloride
H1	100 mM Tris base/Hydrochloric acid pH 8.5	30% (w/v) PEG 4000		200 mM Sodium acetate
H2	100 mM Citric acid/Sodium hydroxide pH 5.0	10% (w/v) PEG 6000		1000 mM Lithium chloride
H3	100 mM Tris base/Hydrochloric acid pH 8.5	10% (w/v) PEG 6000		1000 mM Lithium chloride
H4	100 mM HEPES free acid/Sodium hydroxide pH 7.0	20% (w/v) PEG 6000		1000 mM Lithium chloride
H5	100 mM MES/Sodium hydroxide pH 6.0	20% (w/v) PEG 6000		1000 mM Lithium chloride
H6	100 mM Citric acid/Sodium hydroxide pH 5.0	20% (w/v) PEG 6000		1000 mM Lithium chloride
H7	100 mM Imidazole/Hydrochloric acid pH 8.0	10% (w/v) PEG 8000		200 mM Calcium acetate
H8	100 mM MES/Sodium hydroxide pH 6.0	20% (w/v) PEG 8000		200 mM Calcium acetate
H9	100 mM Sodium cacodylate/Hydrochloric acid pH 6.5	20% (w/v) PEG 8000		200 mM Magnesium acetate
H10	100 mM Tris base/Hydrochloric acid pH 8.5	20% (w/v) PEG 8000		200 mM Magnesium chloride
H11	100 mM CAPS/Sodium hydroxide pH 10.5	20% (w/v) PEG 8000		200 mM Sodium chloride
H12	100 mM Sodium cacodylate/Hydrochloric acid pH 6.5	30% (w/v) PEG 8000		200 mM Sodium acetate